

PAGE: 1

**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/150,947**DATE: 09/25/98
TIME: 12:18:29**INPUT SET: S28755.raw**

This Raw Listing contains the General
Information Section and up to the first 5 pages.

1 **SEQUENCE LISTING**

2
3 (1) General Information:
4
--> 5 (i) APPLICANT:
--> 6 (A) NAME: YISSUM RES. DEV. CO. OF THE HEBREW UNIV. OF
--> 7 JERUSALEM
--> 8 (B) STREET: 46 Jabotinsky
--> 9 (C) CITY: Jerusalem
--> 10 (E) COUNTRY: ISRAEL
--> 11 (F) POSTAL CODE (ZIP): 91042
--> 12 (G) TELEPHONE: 972-2-5634880
--> 13 (H) TELEFAX: 972-2-5660331
14
15 (ii) TITLE OF INVENTION: BROAD SPECTRUM PEPTIDE ANTAGONISTS
16
17 (iii) NUMBER OF SEQUENCES: 12
18
19 (v) COMPUTER READABLE FORM:
20 (A) MEDIUM TYPE: Floppy disk
21 (B) COMPUTER: IBM PC compatible
22 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
23 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
24
25 (vi) CURRENT APPLICATION DATA:
26 (A) APPLICATION NUMBER:
27 (B) FILING DATE:
28 (C) CLASSIFICATION:
29
30
31 (2) INFORMATION FOR SEQ ID NO: 1:
32
33 (i) SEQUENCE CHARACTERISTICS:
34 (A) LENGTH: 12 amino acids
35 (B) TYPE: amino acid
36 (C) STRANDEDNESS: single
37 (D) TOPOLOGY: unknown
38
39 (ii) MOLECULE TYPE: peptide
40
41
42
43
44 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
45
46 Thr Asn Lys Lys Lys Val Thr Ala Gln Glu Leu Asp

ENTERED

**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/150,947**DATE: 09/25/98
TIME: 12:18:30**INPUT SET: S28755.raw**

47 1 5 10

48

49 (2) INFORMATION FOR SEQ ID NO: 2:

50

51 (i) SEQUENCE CHARACTERISTICS:
52 (A) LENGTH: 12 amino acids
53 (B) TYPE: amino acid
54 (C) STRANDEDNESS: single
55 (D) TOPOLOGY: unknown

56

57 (ii) MOLECULE TYPE: peptide

58

59

60

61 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

62

63 Tyr Asn Lys Lys Lys Ala Thr Val Gln Glu Leu Asp
64 1 5 10

65

66 (2) INFORMATION FOR SEQ ID NO: 3:

67

68 (i) SEQUENCE CHARACTERISTICS:
69 (A) LENGTH: 10 amino acids
70 (B) TYPE: amino acid
71 (C) STRANDEDNESS: single
72 (D) TOPOLOGY: unknown

73

74 (ii) MOLECULE TYPE: peptide

75

76

77

78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

79

80 Lys Lys Lys Ala Thr Val Gln Glu Leu Asp
81 1 5 10

82

83 (2) INFORMATION FOR SEQ ID NO: 4:

84

85 (i) SEQUENCE CHARACTERISTICS:
86 (A) LENGTH: 10 amino acids
87 (B) TYPE: amino acid
88 (C) STRANDEDNESS: single
89 (D) TOPOLOGY: unknown

90

91 (ii) MOLECULE TYPE: peptide

92

93

94

95 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

96

97 Lys Lys Lys Val Thr Ala Gln Glu Leu Asp
98 1 5 10

99

**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/150,947**DATE: 09/25/98
TIME: 12:18:31**INPUT SET: S28755.raw**

100 (2) INFORMATION FOR SEQ ID NO: 5:
101
102 (i) SEQUENCE CHARACTERISTICS:
103 (A) LENGTH: 13 amino acids
104 (B) TYPE: amino acid
105 (C) STRANDEDNESS: single
106 (D) TOPOLOGY: unknown
107
108 (ii) MOLECULE TYPE: peptide
109
110
111 (ix) FEATURE:
112 (A) NAME/KEY: Modified-site
113 (B) LOCATION: 1
114 (D) OTHER INFORMATION: /label= X
115 /note= "N-lauryl cysteine residue"
116
117
118 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
119
120 Xaa Thr Asn Lys Lys Lys Val Thr Ala Gln Glu Leu Asp
121 1 5 10
122
123 (2) INFORMATION FOR SEQ ID NO: 6:
124
125 (i) SEQUENCE CHARACTERISTICS:
126 (A) LENGTH: 13 amino acids
127 (B) TYPE: amino acid
128 (C) STRANDEDNESS: single
129 (D) TOPOLOGY: unknown
130
131 (ii) MOLECULE TYPE: peptide
132
133
134 (ix) FEATURE:
135 (A) NAME/KEY: Modified-site
136 (B) LOCATION: 1
137 (D) OTHER INFORMATION: /label= X
138 /note= "N-lauryl cysteine"
139
140
141 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
142
143 Xaa Tyr Asn Lys Lys Lys Ala Thr Val Gln Glu Leu Asp
144 1 5 10
145
146 (2) INFORMATION FOR SEQ ID NO: 7:
147
148 (i) SEQUENCE CHARACTERISTICS:
149 (A) LENGTH: 24 amino acids
150 (B) TYPE: amino acid
151 (C) STRANDEDNESS: single
152 (D) TOPOLOGY: unknown

**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/150,947**

DATE: 09/25/98
TIME: 12:18:32

INPUT SET: S28755.raw

153
154 (ii) MOLECULE TYPE: peptide
155
156
157
158 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
159
160 Tyr Asn Lys Lys Lys Ala Thr Val Gln Glu Leu Asp Tyr Asn Lys Lys
161 1 5 10 15
162
163 Lys Ala Thr Val Gln Glu Leu Asp
164 20
165
166 (2) INFORMATION FOR SEQ ID NO: 8:
167
168 (i) SEQUENCE CHARACTERISTICS:
169 (A) LENGTH: 35 amino acids
170 (B) TYPE: amino acid
171 (C) STRANDEDNESS: single
172 (D) TOPOLOGY: unknown
173
174 (ii) MOLECULE TYPE: peptide
175
176
177
178 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
179
180 Tyr Asn Lys Lys Lys Ala Thr Val Gln Glu Leu Asp Tyr Asn Lys Lys
181 1 5 10 15
182
183 Lys Ala Thr Val Gln Glu Leu Asp Tyr Asn Lys Lys Ala Thr Val
184 20 25 30
185
186 Glu Leu Asp
187 35
188
189 (2) INFORMATION FOR SEQ ID NO: 9:
190
191 (i) SEQUENCE CHARACTERISTICS:
192 (A) LENGTH: 14 amino acids
193 (B) TYPE: amino acid
194 (C) STRANDEDNESS: single
195 (D) TOPOLOGY: unknown
196
197 (ii) MOLECULE TYPE: peptide
198
199
200 (ix) FEATURE:
201 (A) NAME/KEY: Disulfide-bond
202 (B) LOCATION: 1..14
203 (D) OTHER INFORMATION: /label= X
204 /note= "Disulfide bond formed by the two external
205 Cys residues."

**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/150,947**DATE: 09/25/98
TIME: 12:18:33**INPUT SET: S28755.raw**

206
207 (ix) FEATURE:
208 (A) NAME/KEY: Modified-site
209 (B) LOCATION: 14
210 (D) OTHER INFORMATION: /label= X
211 /note= "Extension with a cysteine residue."
212
213 (ix) FEATURE:
214 (A) NAME/KEY: Modified-site
215 (B) LOCATION: 1
216 (D) OTHER INFORMATION: /label= X
217 /note= "Extension with a cysteine residue."
218
219
220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
221
222 Xaa Tyr Asn Lys Lys Lys Ala Thr Val Gln Glu Leu Asp Xaa
223 1 5 10
224
225 (2) INFORMATION FOR SEQ ID NO: 10:
226
227 (i) SEQUENCE CHARACTERISTICS:
228 (A) LENGTH: 14 amino acids
229 (B) TYPE: amino acid
230 (C) STRANDEDNESS: single
231 (D) TOPOLOGY: unknown
232
233 (ii) MOLECULE TYPE: peptide
234
235
236 (ix) FEATURE:
237 (A) NAME/KEY: Modified-site
238 (B) LOCATION: 1
239 (D) OTHER INFORMATION: /label= X
240 /note= "D-alanine residue."
241
242 (ix) FEATURE:
243 (A) NAME/KEY: Modified-site
244 (B) LOCATION: 14
245 (D) OTHER INFORMATION: /label= X
246 /note= "D-alanine residue"
247
248
249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
250
251 Xaa Tyr Asn Lys Lys Lys Ala Thr Val Gln Glu Leu Asp Xaa
252 1 5 10
253
254 (2) INFORMATION FOR SEQ ID NO: 11:
255
256 (i) SEQUENCE CHARACTERISTICS:
257 (A) LENGTH: 14 amino acids
258 (B) TYPE: amino acid

PAGE: 1

SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION **US/09/150,947**

DATE: 09/25/98
TIME: 12:18:35

INPUT SET: S28755.raw

ADDRESSEE
STREET
CITY
STATE
COUNTRY
ZIP
CORRESPONDENCE ADDRESS
APPLICATION NUMBER
FILING DATE
PRIOR APPLICATION DATA